PPP [illegible]

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[illegible]

[illegible] Point-to-Point Protocol [illegible] PPP [illegible]

PPP [illegible]

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[illegible]

[illegible]

- [illegible] PPP [illegible]
- [illegible] PPP [illegible]

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[illegible]

1. [illegible]
2. [illegible] LCP [illegible]
3. PPP [illegible]
4. [illegible] NCP [illegible]

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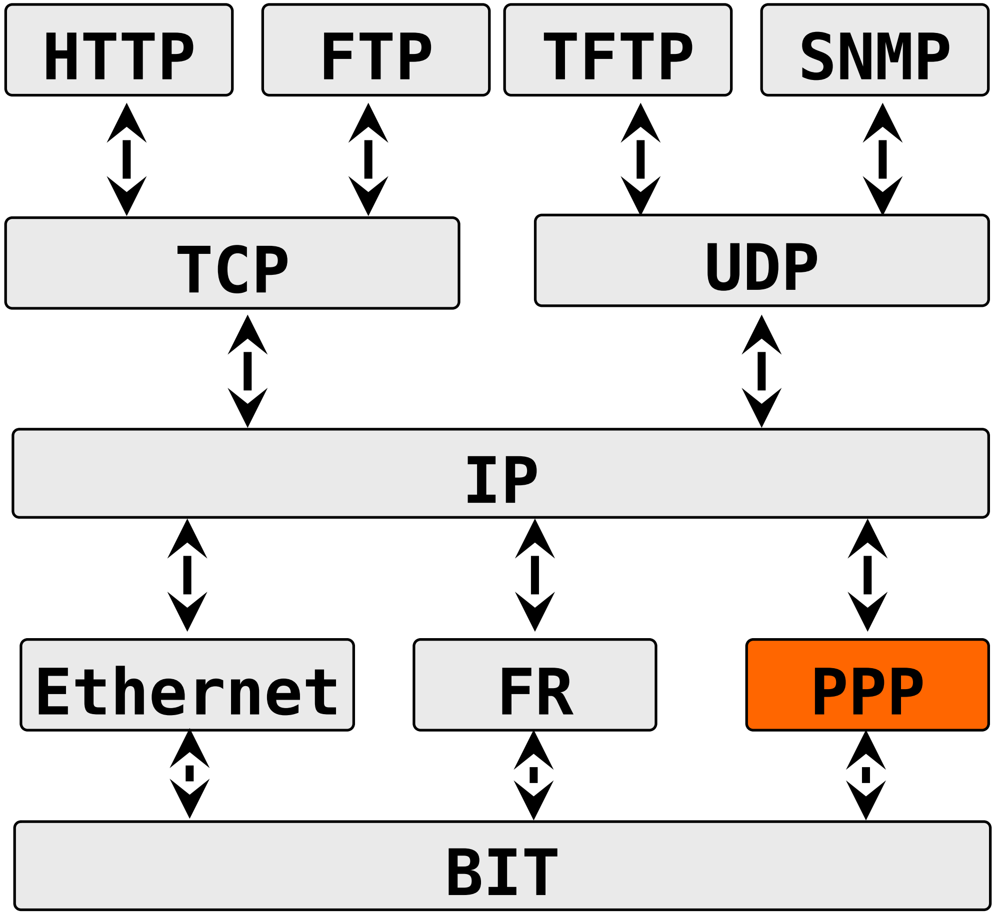
PPP □ TCP/IP □□□□□□□



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PPP [illegible]

[illegible]	[illegible]
[illegible]	[illegible]
[illegible] Link Control Protocol	[illegible]
[illegible] Network Control Protocol	[illegible]

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PPP □□□

Protocol □2 Bytes□	Information	Padding □□□□

□□□□□□□□ MRU

Protocol □□

0x0021	IP □□□	Padding □□□□
0xc021	LCP	Padding □□□□
0x8021	IP □□□□□□ IPCP □	Padding □□□□

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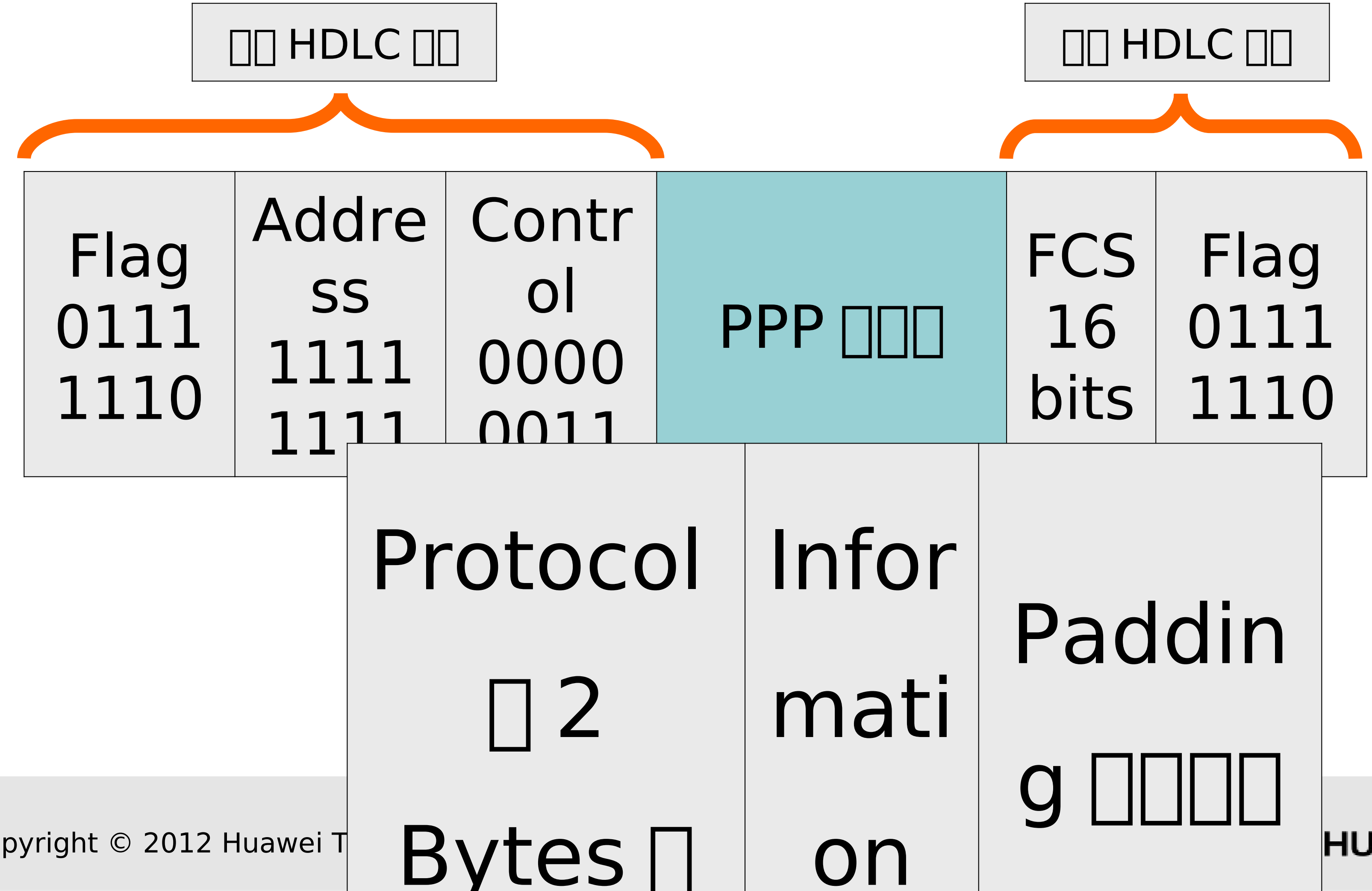
[illegible] PPP [illegible]



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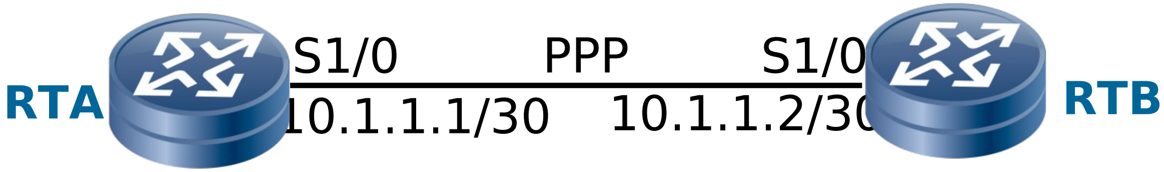
□□□□□ PPP □□□□

```
[RTA]interface Serial 1/0
[RTA-Serial1/0]link-protocol ppp
[RTA-Serial1/0]ip address 10.1.1.1 30
```




```
[RTB]interface Serial 1/0
[RTB-Serial1/0]link-protocol ppp
[RTB-Serial1/0]ip address 10.1.1.2 30
```

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□ □

1. □□□□□□□□□
2. **□□□□□□□LCP□**
3. PPP□□□□□
4. □□□□□□□□NCP□

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LCP [illegible]

[illegible]	[illegible]
Configure-Request	[illegible]
Configure-Ack	[illegible] Configure-Request [illegible]
Configure-Nak	[illegible] Configure-Request [illegible]
Configure-Reject	[illegible] Configure-Request [illegible]

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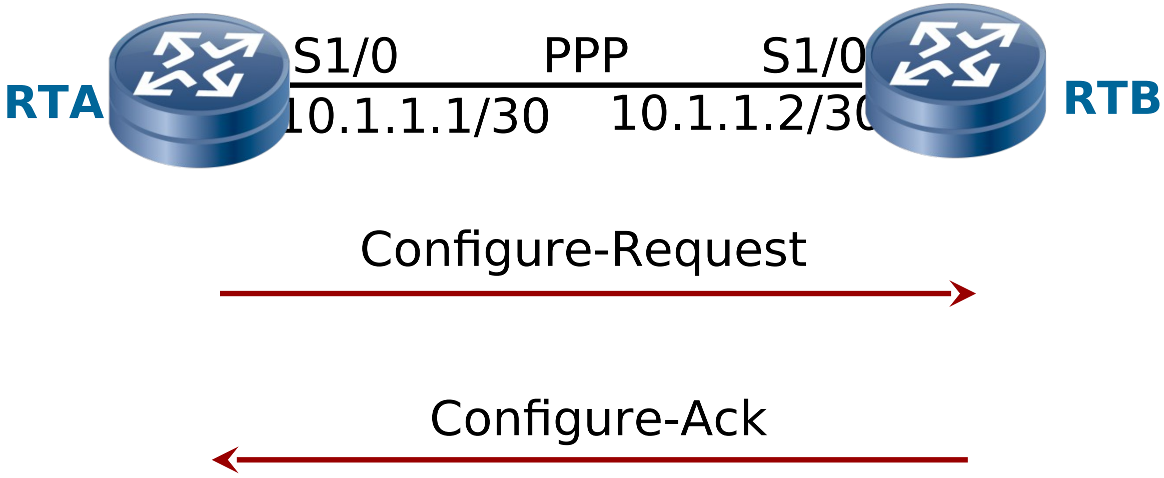
LCP [illegible]



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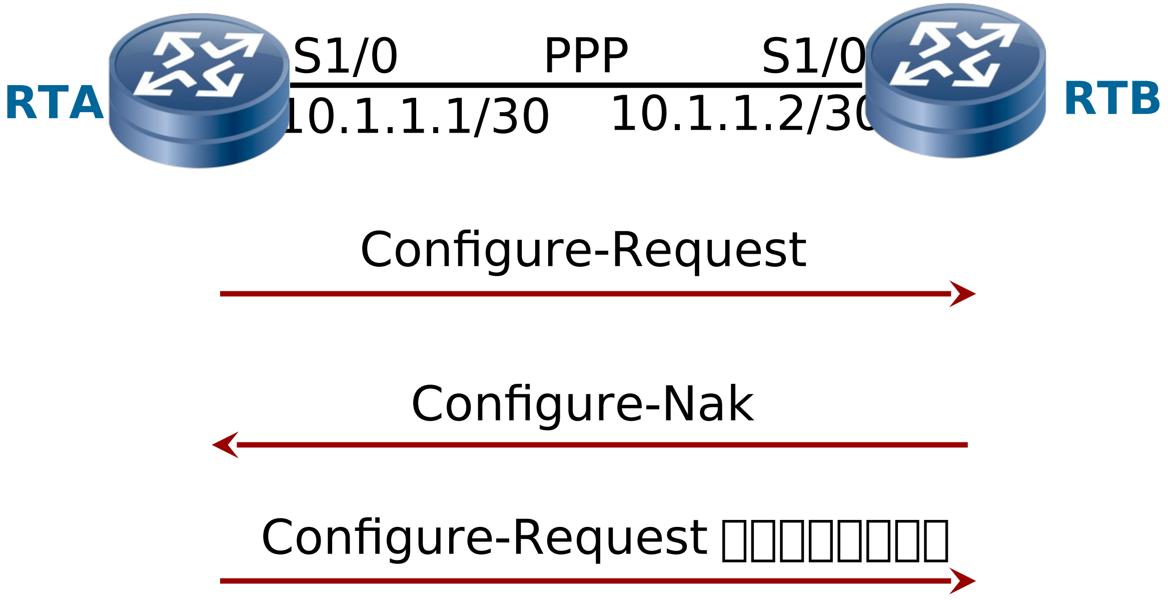
LCP [illegible]



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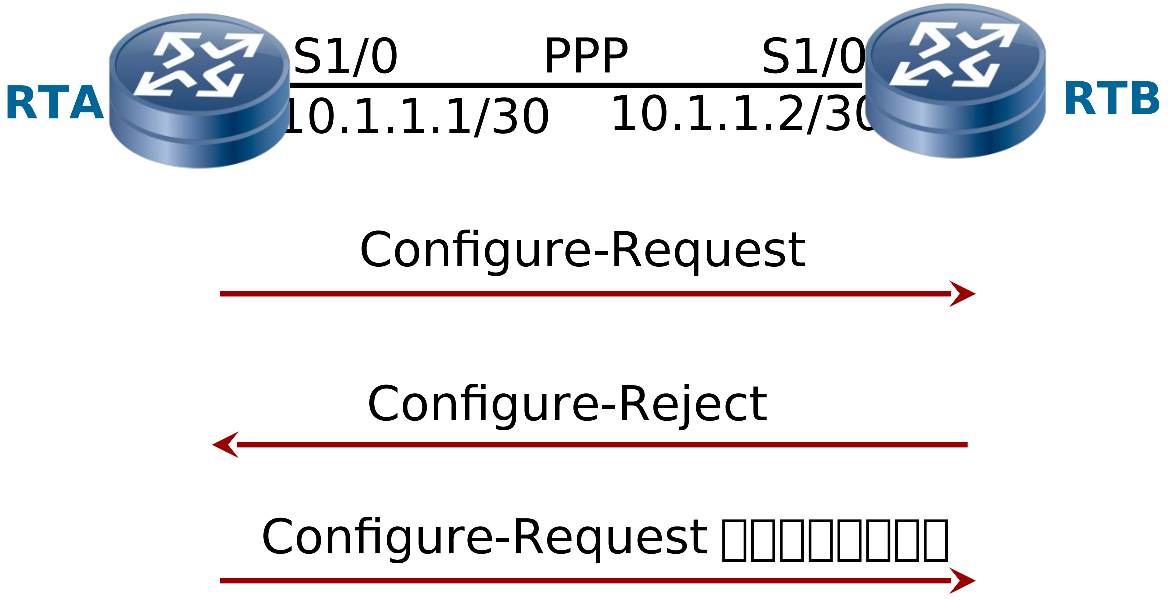
LCP [illegible]



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LCP [illegible]

[illegible]	[illegible]	[illegible]	[illegible]
[illegible] MRU	PPP [illegible] Information [illegible] Padding [illegible]	[illegible]	1500
[illegible]	[illegible]	[illegible]	[illegible]
[illegible] Magic-Number	[illegible] LCP [illegible]	[illegible]	[illegible]

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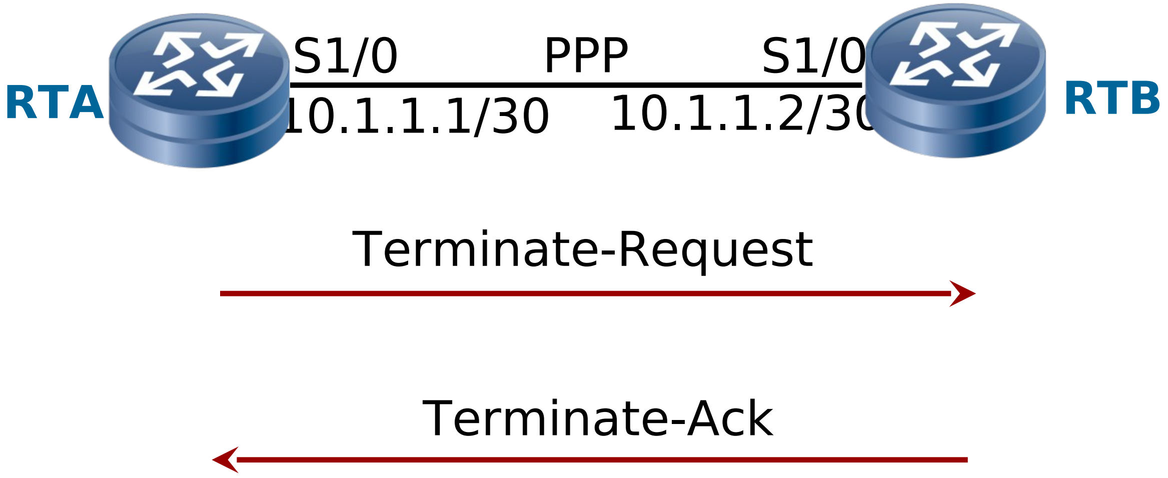
LCP □□□□



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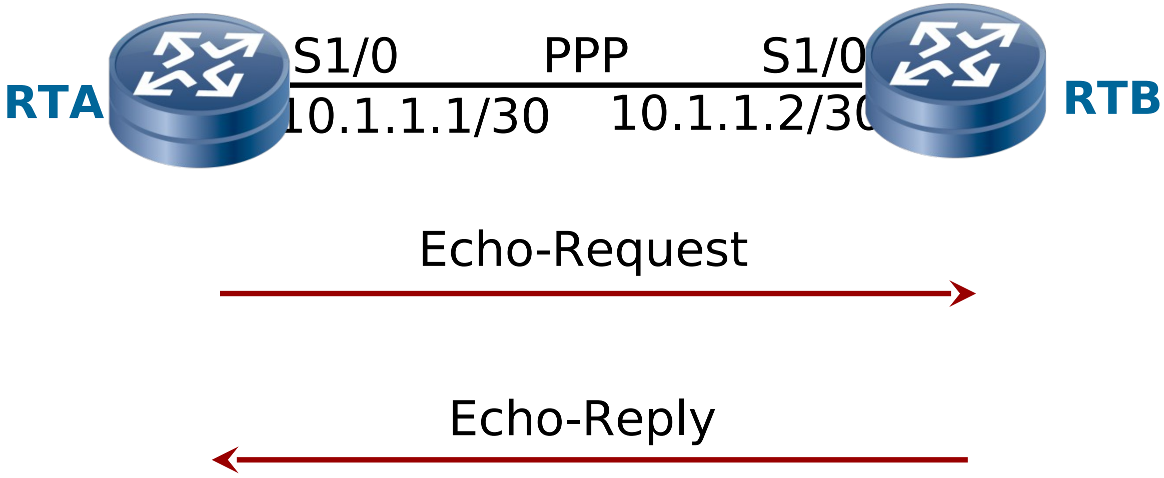
HUAWEI

LCP [illegible]



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[illegible]

1. [illegible]
2. [illegible] LCP [illegible]
3. **PPP [illegible]**
4. [illegible] NCP [illegible]

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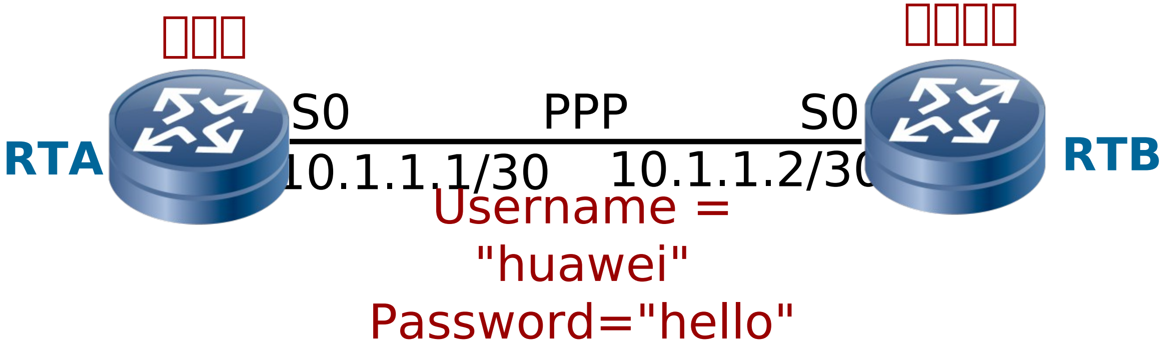
PAP [illegible]

```
[RTA]aaa
[RTA-aaa]local-user huawei password simple hello
[RTA-aaa]local-user huawei service-type ppp
[RTA]interface Serial 0
[RTA-Serial0]link-protocol ppp
[RTA-Serial0]ppp authentication-mode pap
[RTA-Serial0]ip address 10.1.1.1 30
```




```
[RTB]interface Serial 0
[RTB-Serial0]link-protocol ppp
[RTB-Serial0]ppp pap local-user huawei password simple hello
[RTB-Serial0]ip address 10.1.1.2 30
```

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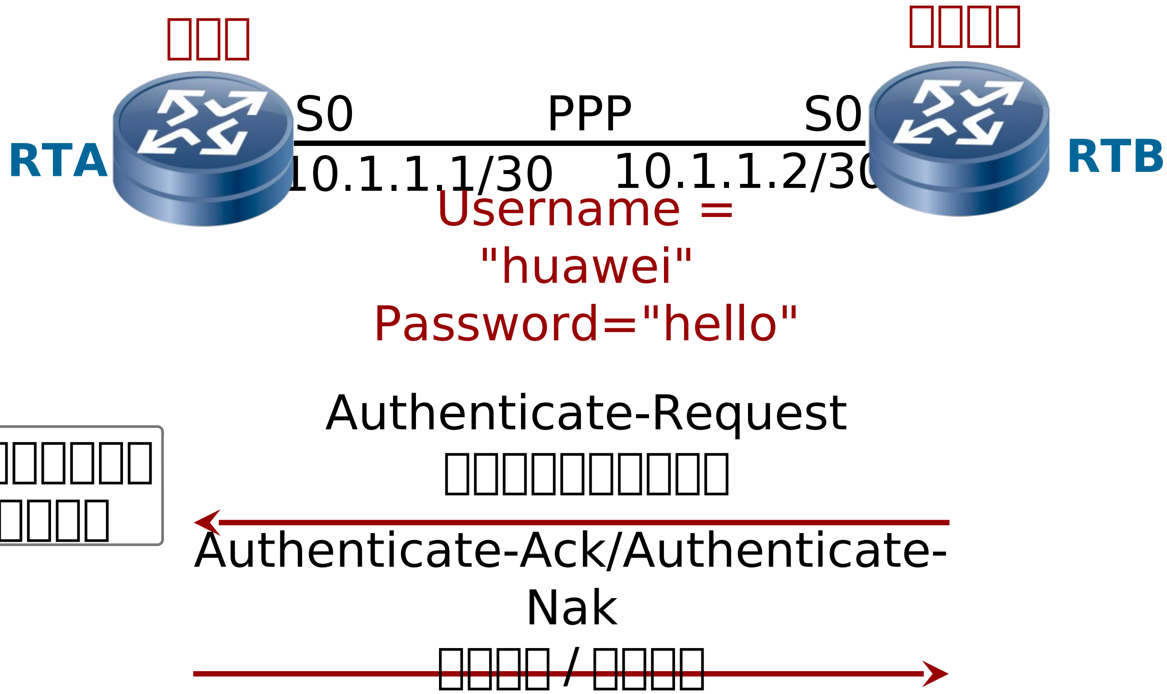
PAP [illegible]



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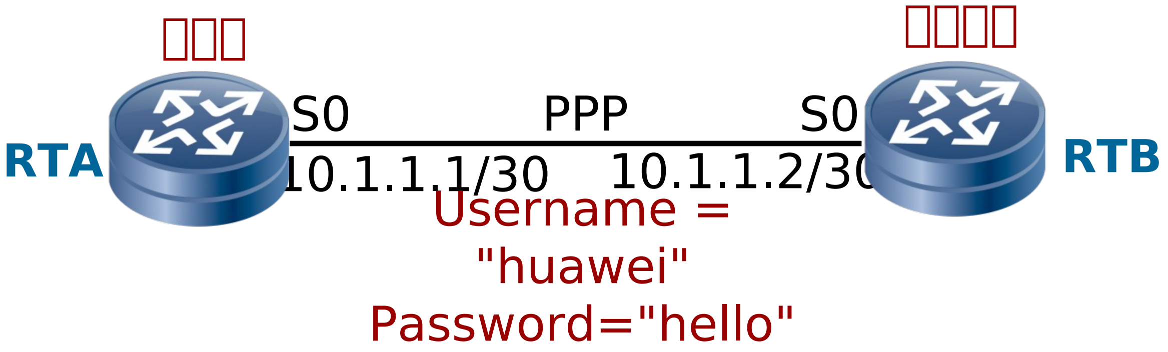
CHAP

```
[RTA]aaa
[RTA-aaa]local-user huawei password cipher hello
[RTA-aaa]local-user huawei service-type ppp
[RTA]interface Serial 0
[RTA-Serial0]link-protocol ppp
[RTA-Serial0]ppp authentication-mode chap
[RTA-Serial0]ip address 10.1.1.1 30
```




```
[RTB]interface Serial 0
[RTB-Serial0]link-protocol ppp
[RTB-Serial0]ppp chap user huawei
[RTB-Serial0]ppp chap password cipher hello
[RTB-Serial0]ip address 10.1.1.2 30
```

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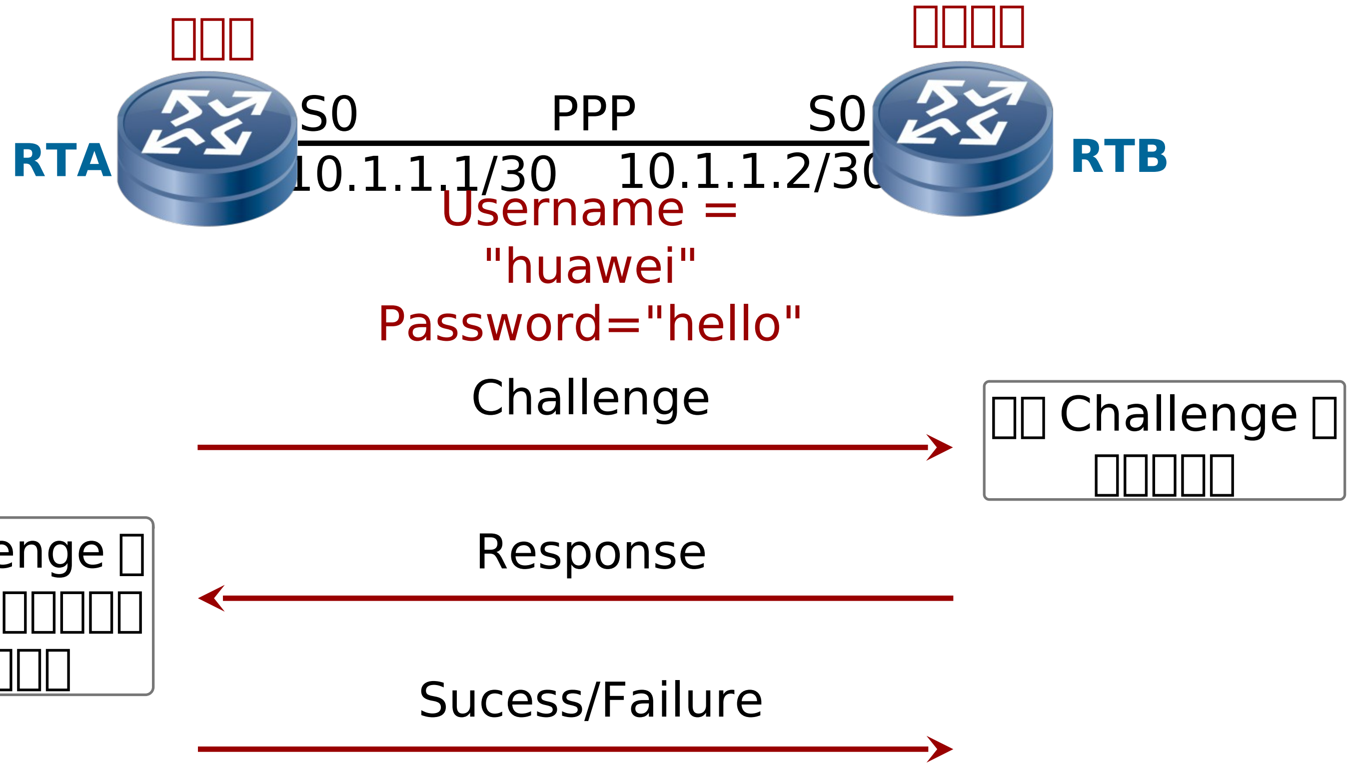
CHAP [illegible]



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□ □

1. □□□□□□□□□
2. □□□□□□□LCP□
3. PPP□□□□□
4. **□□□□□□□□NCP□**

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[illegible] NCP [illegible]

[illegible]	[illegible]
IPCP	[illegible] IP [illegible] PPP [illegible] IP [illegible]
MPLSCP	[illegible] MPLSCP [illegible] PPP [illegible] MPLSCP [illegible]

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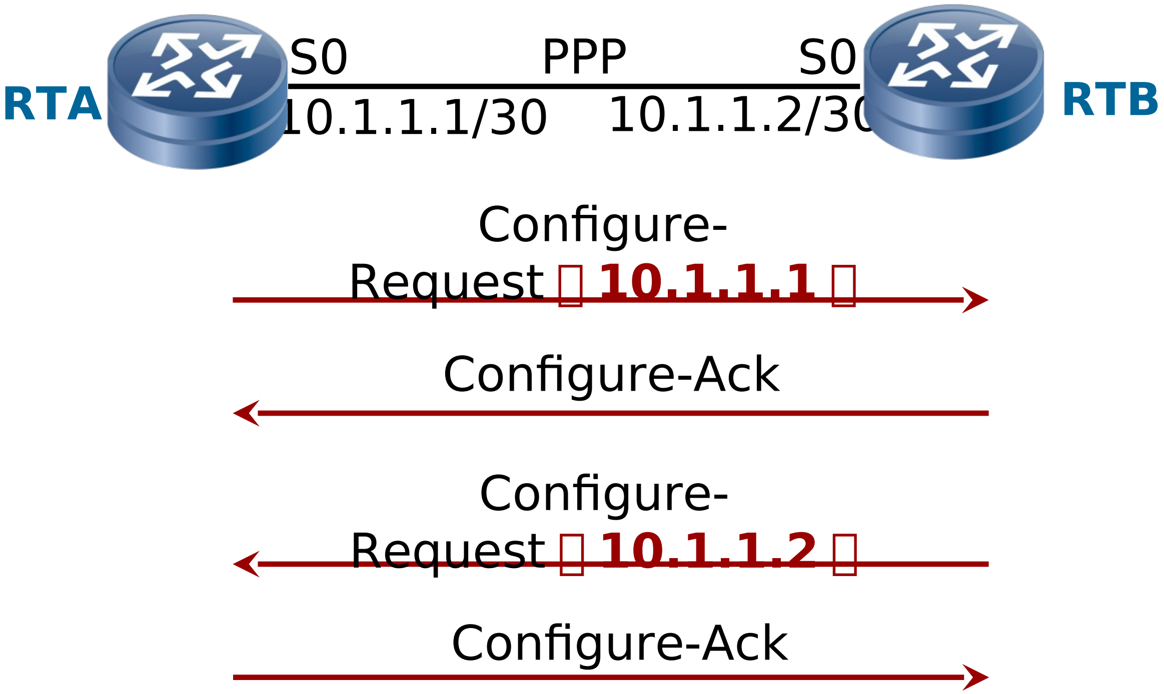
□□ IPCP □□ IP □□□□□□



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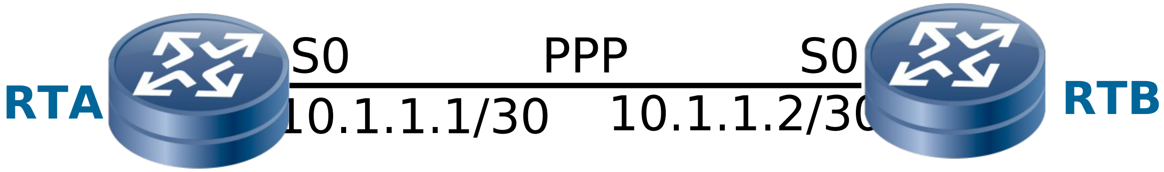
□□ IPCP □□ IP □□□□□□□




```
[RTB]display ip routing-table
Routing Tables: Public
        Destinations : 5        Routes : 5

Destination/Mask    Proto  Pre  Cost      NextHop         Interface

       10.1.1.0/30  Direct 0    0         10.1.1.2        Serial0
       10.1.1.1/32  Direct 0    0         10.1.1.1        Serial0
       10.1.1.2/32  Direct 0    0         127.0.0.1       InLoopBack0
      127.0.0.0/8   Direct 0    0         127.0.0.1       InLoopBack0
      127.0.0.1/32  Direct 0    0         127.0.0.1       InLoopBack0
```

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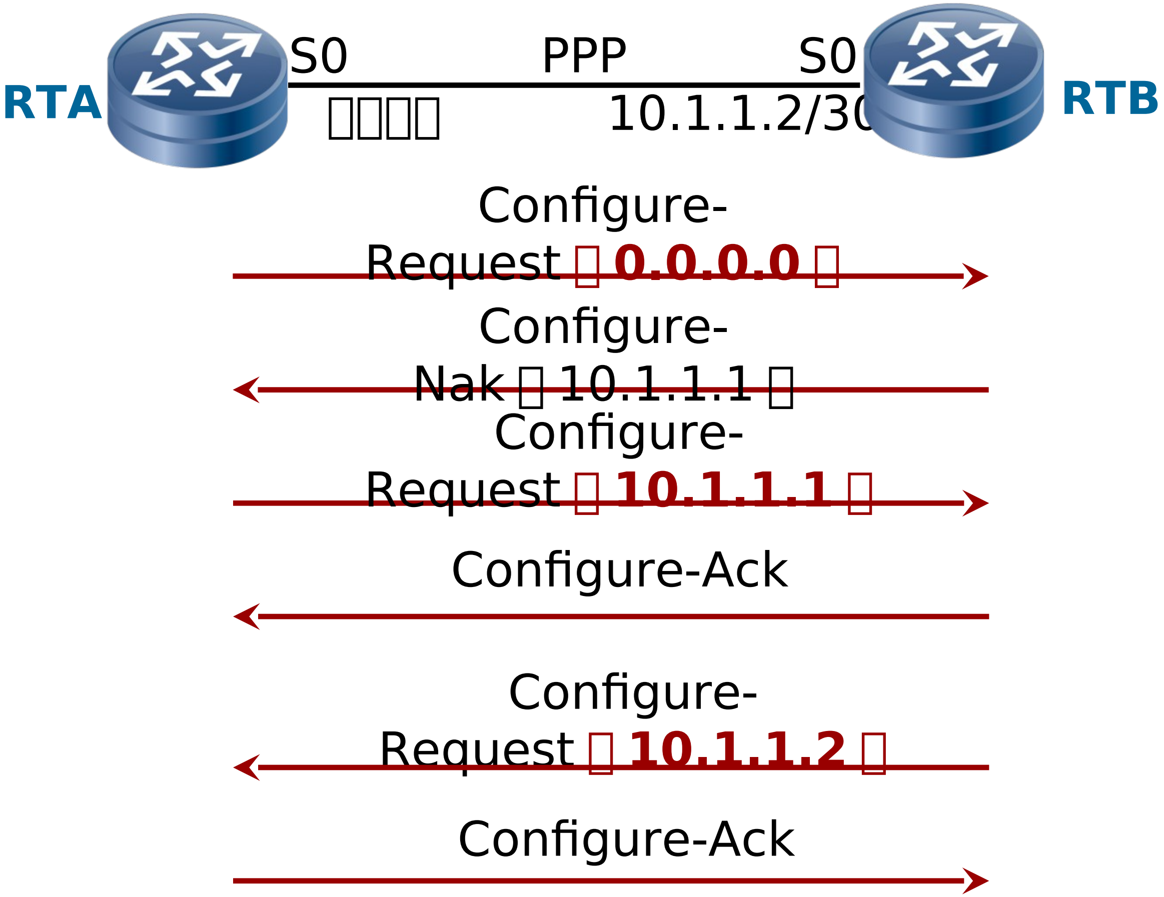
□□ IPCP □□ IP □□□□□□



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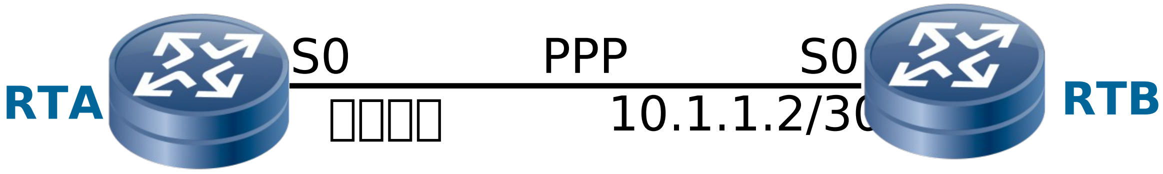
□□ IPCP □□ IP □□□□□□

```
[RTA]interface Serial 0
[RTA-Serial0]link-protocol ppp
[RTA-Serial0]ip address ppp-negotiate
```

```
[RTB]interface Serial 0
[RTB-Serial0]link-protocol ppp
[RTB-Serial0]ip address 10.1.1.2 30
[RTB-Serial0]remote address 10.1.1.1
```




```
[RTA]display ip routing-table
Routing Tables: Public
         Destinations : 4        Routes : 4

Destination/Mask     Proto  Pre  Cost       NextHop          Interface

       10.1.1.1/32   Direct 0    0          127.0.0.1        InLoopBack0
       10.1.1.2/32   Direct 0    0          10.1.1.2         Serial0
      127.0.0.0/8    Direct 0    0          127.0.0.1        InLoopBack0
      127.0.0.1/32   Direct 0    0          127.0.0.1        InLoopBack0
```

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[illegible]

PPP [illegible]

LCP [illegible]

CHAP [illegible]

IPCP [illegible]

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[illegible]

[illegible] (learning.huawei.com [illegible]

- **1 [illegible] E-learning [illegible]**
  - [illegible] **E-Learning** [illegible]
  - [illegible]“[illegible]”[illegible]“ email [illegible]”[illegible] *Learning@huawei.com* *[illegible]*
- **2 [illegible]**
  - [illegible] **+** [illegible]
  - [illegible]“[illegible] / [illegible]”[illegible]
- **3 [illegible] (LVC) [illegible]**
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  - [illegible] *http://support.huawei.com/ecommunity/bbs/10154479.html*
- **4 [illegible] eNSP**
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- [illegible], [illegible] [illegible] [illegible]
  http://support.huawei.com/ecommunity/bbs/list_2247.html [illegible]

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